

ABSTRACT OF THE DISCLOSURE

An automatic monitoring and imaging electrophoresis device. The device comprises a combined electrophoresis tank and electrophoresis analyzing equipment. The device further comprises features such as time setting, instant sensor, instant imaging, and automatic storage. It also contains components that provide a power source, sensor, light source, scanner, and storage; and an electrophoresis tray for samples in order to complete the operations of electrophoresis mobility and analysis with the same device. The electrophoresis analysis device overcomes the disadvantages of restricted operating mobility and separate analysis, as well as providing simplicity, safety and efficiency to users.